

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/621,577
Confirmation Number	2125
Filing Date	July 18, 2003
First Named Inventor	Osamu HOSHUYAMA
Art Unit	2681
Examiner Name	Unknown
Attorney Docket Number	Q76590

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO¹.**INFORMATION DISCLOSURE
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(use as many sheets as necessary)

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
/J.H./		E. Hansler, "The hands-free telephone problem: an annotated bibliography update", Ann. Telecommun., 49, n° 7-8, (1994), pp. 360-367 with Abstract.	
/J.H./		J. Shynk, "Frequency-Domain and Mutirate Adaptive Filtering", IEEE SP Magazine, (January 1992), pp. 37.	

Examiner Signature	/Jefferey Harold/	Date Considered	05/10/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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